

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Special concentrate for cast of dental arch

Print date: 04.09.2012

Product code: 105-621

Page 1 of 3

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Special concentrate for cast of dental arch

Further trade names

Article no.: 105-621-00

Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Health services.

Details of the supplier of the safety data sheet

Company name:	DENTAURUM GmbH & Co. KG	
Street:	Turnstr. 31	
Place:	D-75228 Ispringen	
Telephone:	+49 7231 803 0	Telefax: +49 7231 803 295
e-mail:	info@dentaurum.de	
Internet:	www.dentaurum.com	

Further Information

Emergency telephone:		
07:00 - 16:15 (Mo - Do),	07:00 - 13:15 (Fr)	+49 7231 803 213
16:15 - 18:00 (Mo - Do),	13:15 - 18:00 (Fr)	+49 7231 803 0

SECTION 2: Hazards identification

Label elements

SECTION 3: Composition/information on ingredients

Mixtures

Chemical characterization

Water. Colloidal silicon dioxide.

SECTION 4: First aid measures

Description of first aid measures

After contact with skin

After contact with skin, wash immediately with plenty of water.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

The product itself is not combustible. Extinguishing materials should be selected according to the surrounding area.

SECTION 6: Accidental release measures

Methods and material for containment and cleaning up

Flush away residues with water.

SECTION 7: Handling and storage

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Special concentrate for cast of dental arch

Print date: 04.09.2012

Product code: 105-621

Page 2 of 3

Precautions for safe handling**Advice on safe handling**

No special measures are necessary.

Conditions for safe storage, including any incompatibilities**Further information on storage conditions**

Protect against: frost.

SECTION 8: Exposure controls/personal protection**Control parameters****Exposure controls****Eye protection**

Wear eye/face protection.

SECTION 9: Physical and chemical properties**Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	white

Test method

pH-Value (at 20 °C):	9-10
----------------------	------

Changes in the physical state

Boiling point:	(1013 mbar) ca. 100 °C
----------------	------------------------

Density (at 20 °C):	1,2 g/cm ³
---------------------	-----------------------

Water solubility:	miscible.
-------------------	-----------

Viscosity / dynamic: (at 20 °C)	20 mPa·s
------------------------------------	----------

Other information

Solidification point: 0°C

SECTION 10: Stability and reactivity**Possibility of hazardous reactions**

No risks worthy of mention.

SECTION 11: Toxicological information**Information on toxicological effects****Acute toxicity**

Acute toxicity (oral): LD50: Rat. > 15000 mg/kg

Specific effects in experiment on an animal

Irritant effect on the skin: Not an irritant. Rabbit.

Irritant effect on the eye: Not an irritant. Rabbit.

SECTION 12: Ecological information**Toxicity**

Acute fish toxicity: LC50: 5000 ml/l Brachydanio rerio (zebrafish)

Bacterial toxicity: EC50: > 10000 mg/l

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Special concentrate for cast of dental arch

Print date: 04.09.2012

Product code: 105-621

Page 3 of 3

SECTION 13: Disposal considerations

Waste treatment methods

Advice on disposal

Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

Waste disposal number of used product

200301 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; other municipal wastes; mixed municipal waste

Contaminated packaging

Cleaned containers may be recycled.

SECTION 14: Transport information

Other applicable information

Not a hazardous material with respect to transportation regulations.

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

Additional information

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

National regulatory information

Water contaminating class (D): - - not water contaminating

SECTION 16: Other information

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)